

**LED MINI 4PCS ( 6IN1)  
MOVING HEAD WASH LIGHT**



**USER MANUAL**

## 1. BEFORE YOU BEGIN

### 1.1 Packing list

1 x mini moving head wash

1 x power cable

1 x user manual

### 1.2 Unpacking instructions

Immediately upon receiving a fixture, carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself showing of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

### 1.3 AC Power

To determine the power requirements for a particular fixture, see the label affixed to the back plate of the fixture or refer to the fixtures specifications chart. A fixtures listed current rating is its average current draw under normal conditions. All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat(variable resistor) or dimmer circuit, even if the rheostat or dimmer source voltage matches the fixtures requirement. Check the fixture or device carefully to make sure that if a voltage selection switch exists that it is set to the correct line voltage you will use.

**Warning!** Verify that the voltage select switch on your unit matches the line voltage applied. Damage to your fixture may result if the line voltage applied does not match the voltage indicated on the voltage selector switch. All fixtures must be connected to circuits with a suitable Earth ground.

### 1.4 Safety Instructions

Please read these instructions carefully, it includes important information about the installation, usage and maintenance of this product.

- (1) Please keep this user guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- (2) Always make sure that you are connecting to the proper voltage, and that the line voltage you are connection to is not higher than that stated on the decal or rear panel of the fixture.
- (3) This product is intended for indoor use only!
- (4) To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable material close to the unit while operating.
- (5) The unit must be installed in a location with adequate ventilation, at least 20in(50cm) from adjacent surfaces. Be sure that no ventilation slots are blocked.
- (6) Always disconnect from power source before servicing or replacing fuse and be sure to replace with same fuse size and type.
- (7) Secure fixture to fastening device using a safety chain. Never carry the fixture solely by its head. Use its carrying handles.
- (8) Maximum ambient temperature (Ta) is 104°F (40°C). Do not operate fixture at temperatures higher than this.
- (9) In the event of a serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- (10) Don't connect the device to a dimmer pack.
- (11) Make sure the power cord is never crimped or damaged.
- (12) Never disconnect the power cord by pulling or hugging on the cord.
- (13) Avoid direct eye exposure to the light source while it is on.

## 2. TECHNICAL PARAMETER

1. Voltage: AC 100-240v, 50/60Hz
2. Power consumption: 60W
3. Lighting Source: 4\*12W RGBWAP LED
4. DMX Channels: 11 or 18CHs
5. Control Mode: Auto,sound active, master/slave, DMX512
6. Dimming: 0-100%
7. Strobe: slow to fast
8. Pan:540° ,Tilt: 180°
9. Weight: 1.52 KG
10. Dimensions :145\*135\*180mm

## 3. MENU FUNCTION

MENU	ADDR	A001	DMX address setting	
		A512		
	CHND	11CH	Channel modes	
		18CH		
	SLND	MAST	Master/slave mode	
		SLAV		
	SHND	AUTO	SP 0-9	Show modes
	SOND	ON	Sound mode on/off	
		OFF		
	SENS	0-100	Sound sensitivity	
	BLND	YES	Blackout mode	

LED	NO	Backlight		
	ON			
DISP	OFF	Display invert		
	YES			
PAN	NO	Pan invert		
	YES			
TILT	NO	Tilt invert		
	YES			
	NO	P 0-255		
	PAN			
	TILT			
	RED			
MENU	MANU	GREEN	G 0-255	Manual mode
		BLUE	B 0-255	
		WHITE	W 0-255	
		AMBER	A 0-255	
		PURPLE	P 0-255	
		DIMMER	D 0-255	
		STROBE	S 0-255	
	TEST	TESTING		
	BALA	0-255		
	TEMP	TEMPERATURE		
HOUR	USAGE TIME	Usage time(hours)		
VER	VERSION	Software version		
REST	YES	Reset factory settings		
	NO			

## 4.DMX CHANNEL VALUE

### 4.1. 11CH

Channel	Value	Function
Ch1	0-255	Pan 0-540°
Ch2	0-255	Tilt 0-180°
Ch3	0-255	Pan/Tilt Speed(Fast to slow)
Ch4	0-255	Master Dimmer (0-100%)
Ch5	0-255	Red (0-100%)
Ch6	0-255	Green (0-100%)
Ch7	0-255	Blue (0-100%)
Ch8	0-255	White (0-100%)
Ch9	0-255	Amber (0-100%)
Ch10	0-255	Purple (0-100%)
Ch11	0-15	Open
	16-255	Strobe speed (slow to fast)

### 4.2. 18CH

Channel	Value	Function
Ch1	0-255	Pan 0-540°
Ch2	0-255	Tilt 0-180°
Ch3	0-255	Pan/Tilt Speed(Fast to slow)
Ch4	0-255	Master Dimmer (0-100%)
Ch5	0-255	Red (0-100%)
Ch6	0-255	Green (0-100%)
Ch7	0-255	Blue (0-100%)
Ch8	0-255	White (0-100%)
Ch9	0-255	Amber(0-100%)
Ch10	0-255	Purple(0-100%)
Ch11	0-15	Open
	16-255	Strobe speed (slow to fast)

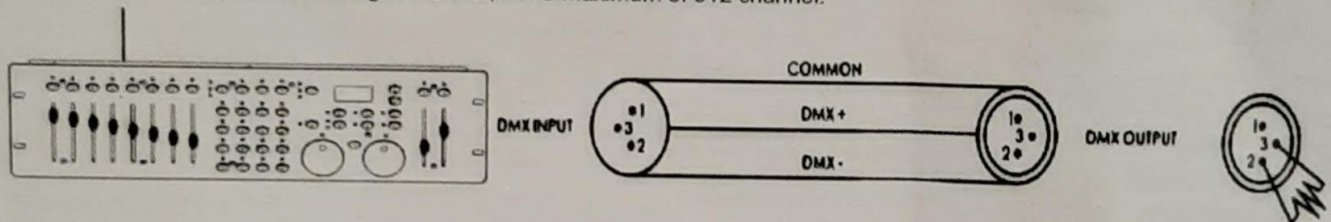
CH12	0--7	No Function
	8--127	Static Color(15 colors)
	128--191	Color change
	192--255	Color fade
CH13	0---255	CH12 speed (slow to fast)
CH14	0--15	No Effect
	16--35	Effect 1
	36--55	Effect 2
	56--75	Effect 3
	76--95	Effect 4
	96--115	Effect 5
	116--135	Effect 6
	136--155	Effect 7
	156--175	Effect 8
	176--195	Effect 9
	196--215	Effect 10
	216--245	Effect 11
	246--255	Sounds control
CH15	0---255	CH14 speed(fast to slow)
CH16	0---255	Pan fine
CH17	0---255	Tilt fine
CH18	0--149	No function
	150---200	Reset
	201---255	No function (maintain 5s)

### Motor fine operation:

Press "MENU", enter to the menu system, press "ENTER" at least 3 seconds, display show "Pan(X axis motor fine adjust)", through "+" "-" to choose "Tilt (Y axis motor fine adjust)", press "ENTER" between -127----127 adjust the motor position, then press enter to save your setting.

## 5. DMX 512 CONNECTIONS

The DMX 512 is widely used in intelligent control, with a maximum of 512 channel.



Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal. (Resistance 129ohm 1/4 W ) between pin 2(DMX-) and pin3 (DMX+) of the last fixture.

## 6. MAINTENANCE AND CLEANING

This moving LED must be kept clean basically, which means dust, dirt or draft of tobacco tar should not be stayed on/in the case, otherwise, it will sharply decrease the output of the moving LED. Regular cleaning can guarantee not only LED output but its life as well. It is suggested to be cleaned by soft cloth with premium glass detergent instead of using alcohol or solvent!

- ★ Danger: Switch off power supply before any maintenance.
- ★ The front glass is easily stained by the draft of tobacco tar, which will decrease light output, so it should be cleaned once a week. As for cooling fan, once a month.
- ★ There is not any repairable part inside the device except for fuse.
- ★ Only franchisers have the right for maintenance.
- ★ Change of Fuse When the bulb is burnt, the fuse might also be burnt at the same time. Only the fuse with same model and class need to be changed.
- ★ Switch off power supply before changing fuse.

Thanks for choosing our products!